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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: February 7, 2005

(use as many sheets as necessary)
Sheet 1 of 2

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Complete if Known			
Application Number	10/620,194		
Filing Date	07/15/2003		
First Named Inventor	Eric N. Paton		
Group Art Unit	2823		
Examiner Name	Joannie A. Garcia		
Attorney Docket Number	039153-0646 (H0975)		

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		U.S. Patent Document				Where Relevant
Examiner Initials*	Cite No.1	Number	Kind Code ² (if known	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
JAG	A1	2004/0089914	A1	Mouli et al.	05-13-2004	
12	A2	2004/0061161	A1	Radens et al.	04-01-2004	
-3B	A3	6.673.696	B1	Arasnia et al.	01-06-2004	
38	A4	2003/0139051	A1	Andideh et al.	07-24-2003	
JAG	A5	2003/0049893	A1	Currie et al.	03-13-2003	
346	A6	6.524,931	B1	Perera	02-25-2003	
JAK.	A7	6,468,853	B1	Balasubramanian et al	10-22-2002	
346	A8	2002/0098689	A1	Chong et al.	07-25-2002	
THE	A9	2002/0045312	A1	Zheng et al.	04-18-2002	
386	A10	6,214,696	B1	Wu	04-10-2001	
JAG	A11	5,700,712		Schwalke	12-23-1997	
JAA	A12	5,668,044		Ohno	09-16-1997	
386	A13	5,455,194		Vasquez et al.	10-03-1995	
JAG	A14	5,266,813		Comfort et al.	11-30-1993	
	-				·	

				FC	REIGN PATENT DOCUMEN	TS	Daras Calumna Linna	т
Examiner Initials*	Cite No.1	Office	oreign Patent C	Ocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
· JA4	A15 A16	WO WO	02/101818 02/095818	A2	Currie et al. Beyer et al.	12/19/2002 11/28/2002		
JAG	A17	GB	2 254 731	A	Samsung Electronics Company Limited	10-14-1992		
JAG	A18	EP	0 245 622	B1	International Business Machines Corporation	11-19-1987		
	 							

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т6			
JAG	A19	Written Opinion of the International Searching Authority; International Application No. PCT/US2004/007464; International Filing Date 03-11-2004; 6 pgs.				

Date Considered	april 122005
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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/620,194 INFORMATION DISCLOSURE **Filing Date** 07/15/2003 STATEMENT BY APPLICANT Eric N. Paton First Named Inventor Date Submitted: February 7, 2005 2823 Group Art Unit (use as many sheets as necessary) **Examiner Name** Joannie A. Garcia Attorney Docket Number 039153-0646 (H0975) Sheet of

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т ⁶				
The	A20	International Search Report; International Application No. PCT/US2004/007464; mailed 01/09/2004; 3 pgs.					
AC	A21	OHKUBO, Satoshi; TAMURA Yasuyuki; SUGINO, Rinji; NAKANISHI, Toshiro; SUGITA, Yoshihiro; AWAJI, Naoki and TAKASAKI, Kanetake; "High Quality Ultra-Thin (4nm) Gate Oxide by UV/0 ₃ Surface Pre-Treatment of Native Oxide"; 1995 Symposium On VLSI Technology; Digest of Technical Papers; June 6-8, 1995; Kyoto, Japan; 3 pgs.					
JAG	A22	Written Opinion of the International Searching Authority; International Application No. PCT/US2004/000982; International Filing Date 01-13-2004; 6 pgs.					
JAR	A23	International Search Report for PCT/US2004/000982, 4 pages.					
SAG	A24	Wolf, Stanley, Ph.D. and Tauber, Richard N., Ph.D.; "Silicon Processing For The VLSI Era"; Vol. 1: Process Technology; Lattice Press; 1986; pp. 57-58, 194					
SAL	A25	Ghandhi, Sorab K. "VSLI Fabrication Principles"; John Wiley and Sons; 1983; pp. 422-423					
JAh	A26	VAN ZANT, Peter, "Microchip Fabrication", McGraw Hill, 1977, pages 31 and 39					
SAL	A27 VOSSEN, John L. and KERN, Werner, "Thin Film Processes II, Academic Press, 1991, page 333						
JAG	A 20 DIM K WEISER I HOVE II and GIRRONS JE "Enhanced Hole Mobilities in Surface-Channel						
. SA	A29	WELSER, J., HOYT, J.L., TAKAGI, S. and GIBBONS, J.F., "Strain Dependence of the Performance Enhancment in Strained-Si n-MOSFETs", 1994 International Electron Devices Meeting TECHNICAL DIGEST, San Francisco, CA December 11-14, 1994, 5 pages.					

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